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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE JDS

In re application of: : Art Unit:
Harrow et al. : Examiner:
Serial No.: 09/803,551 : Date: March 23, 2001
Filed: March 9, 2001 :
For: *Transmit/Receive Arbitrator*

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DISCLOSURE STATEMENT UNDER RULE 56

Honorable Commissioner of Patents and Trademarks,
Washington, D.C. 20231

SIR:

It is respectfully requested that the art listed below be considered in the examination of the subject application and made of record therein. A copy of the art listed below is enclosed.

4,976,287 discloses (FIG. 2) a circuit for comparing the peak
Reesor et al. amplitude and noise level in the microphone and
January 3, 1989 line input and selecting one or the other;

- 4,879,745 discloses (FIG. 2) a control circuit that compares signal power, noise level, and echo in the microphone and line input for selecting one or the other;
- Arbel
November 7, 1989
- 5,418,848 discloses (FIG. 2) an evaluation circuit that includes counter 11 that counts up during periods of double talk and down during periods without double talk and coupling a non-linear filter into the line out when the count reaches a predetermined number;
- Armbrüster
May 23, 1995
- 5,598,466 discloses (FIGS. 7, 11, 12) a plurality of calculations that are performed to detect speech;
- Graumann
January 28, 1997
- 5,692,042 discloses (FIG. 1) hysteresis (154) in a transmit/receive evaluation circuit;
- Sacca
November 25, 1997
- 5,764,753 discloses (FIG. 3) an utterance detector including counter 120 controlled by power estimate circuit 82 and absolute value circuit 117;
- McCaslin et al.
June 9, 1998
- 5,867,574 discloses (FIG. 2) a method for detecting voice activity employing a plurality of calculations;
- Eryilmaz
February 2, 1999
- 6,138,040 discloses (FIG. 3) a method for detecting voice by comparing signal energy to calculated average background noise;
- Nicholls et al.
October 24, 2000

It is respectfully submitted that the invention as described and claimed is not disclosed or suggested by the prior art listed above.

Respectfully submitted,



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